

Name _____

NAME: _____

PERIMETER OF TRAPEZOIDS

Instructions: Calculate the perimeter of trapezoids in different everyday situations.

Exercise 1: Trapezoid Swimming Pool

A trapezoid-shaped swimming pool has a shorter side of 18 meters, a longer side of 28 meters, and two equal sides measuring 12 meters each.

Question: How many meters of tile are needed to cover the perimeter of the pool?

Solution:



Exercise 2: Land Survey

A surveyor is measuring a trapezoid-shaped piece of land. The top side is 35 meters, the bottom side is 50 meters, and the two slanting sides are 20 meters and 25 meters.

Question: What is the total distance around the land?

Solution:



Exercise 3: Park Pathway

A trapezoid-shaped pathway in a park has a shorter edge of 10 meters, a longer edge of 22 meters, and both side edges measuring 8 meters each.

Question: How many meters of railing are needed to line the perimeter of the pathway?

Solution:



How Did You Do? 😊 😐 ☹️